

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
6 October 2005 (06.10.2005)

PCT

(10) International Publication Number
WO 2005/092866 A1

(51) International Patent Classification⁷: **C07D 235/30**,
A61K 31/4184, A61P 35/00

(21) International Application Number:
PCT/PL2005/000022

(22) International Filing Date: 29 March 2005 (29.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
P.366690 29 March 2004 (29.03.2004) PL

(71) Applicant (for all designated States except US): **FUNDACJA ROZWOJU DIAGNOSTYKI I TERAPII** [PL/PL]; ul. Słupecka 11 m 12, PL-02-309 Warszawa (PL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KAZIMIERCZUK, Zygmunt** [PL/PL]; ul. Janowskiego 11/19, PL-02-784 Warszawa (PL). **PINNA, Lorenzo, A.** [IT/IT]; via V.E. Orlando 14, I-35-129 Padova (IT). **MEGGIO, Flavio** [IT/IT]; via Zago 12, I-35-128 Padova (IT). **ANDRZEJEWSKA, Mariola** [PL/PL]; ul. Nowoursynowska 161, PL-02-787 Warszawa (PL).

(74) Agent: **KIEWLICZ, Zofia**; Kancelaria Patentowa Kiewlicz Zofia, ul. J. Dąbrowskiego 79 m 5, PL-02-503 Warszawa (PL).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

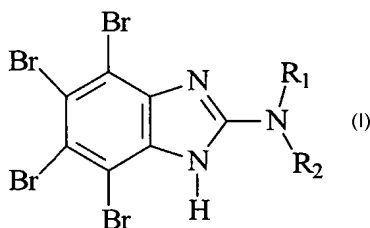
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: NEW DERIVATIVES OF 4, 5, 6, 7-TETRABROMOBENZIMIDAZOLE AND METHOD OF THEIR PREPARATION



(57) Abstract: New derivatives of 4, 5, 6, 7-tetrabromobenzimidazole of formula (I); wherein R₁ is hydrogen or aliphatic group, R₂ is aliphatic group optionally substituted with hydrogen or substituent such as hydroxyl group or substituted amino group and method of their preparation.



WO 2005/092866 A1